



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Thursday Evening, June 09, 2016

## Electricity

### Update: Over 10,000 Customers Remain without Power in Mid-Atlantic, Ohio June 9 after Strong Storms Hit June 8

Power restoration was continuing on Thursday to the 206,627 customers who had their power knocked out on Wednesday as strong storms producing high winds, hail, and heavy rain hit Ohio and the Mid-Atlantic states. Wind gusts of up to 66 mph were reported, knocking down trees and power lines. As of 3:30 p.m. EDT Thursday, 10,021 customers remained without power. The table below shows total affected customers and the latest reported outages by utility. The "Affected" column shows the total count of customers that lost power at one point or another over the course of the storm for each utility. These outages may not have occurred concurrently and are not the same as peak outages.

Mid-Atlantic, Ohio Customer Power Outages			
June 8, 2016			
Electric Utility	State	Affected	Latest Reported
Pepco	DC	2,087	342
DelMarVa Power	DE	13,868	624
Baltimore Gas and Electric	MD	21,690	252
DelMarVa Power	MD	9,387	4
FirstEnergy	MD	6,346	42
Pepco	MD	4,353	22
Choptank Electric Cooperative	MD	1,683	0
Public Service Electric and Gas (PSE&G)	NJ	22,093	474
Atlantic City Electric	NJ	14,806	686
Jersey Central Power and Light	NJ	6,837	25
Duke Ohio	OH	4,406	236
FirstEnergy	OH	2,690	112
PECO	PA	66,794	3,740
FirstEnergy	PA	11,228	436
PPL	PA	4,167	896
AEP	VA	3,298	357
Dominion Power	VA	2,702	451
Shenandoah Valley Electric Cooperative	VA	1,633	0
FirstEnergy	WV	4,778	146
AEP	WV	1,913	1,176
<b>TOTAL *</b>		<b>206,627</b>	<b>10,021</b>

\*Total outages represent only electric utilities listed in this table.

Sources:

<http://www.pepco.com/pages/connectwithus/outages/outagemaps.aspx>

<http://outagemap.bge.com/>

<http://www.delmarva.com/pages/connectwithus/outages/outagemaps.aspx>

<http://www.pepco.com/pages/connectwithus/outages/outagemaps.aspx>

<http://choptank.maps.sienatech.com/>

<http://outagecenter.pseg.com/external/default.html>

<http://www.atlanticcityelectric.com/pages/connectwithus/outages/outagemaps.aspx>

<http://outages.firstenergycorp.com/nj.html>

<http://outagemap.duke-energy.com/ohky/default.html>

<http://outages.firstenergycorp.com/oh.html>

[https://www.peco.com/\\_layouts/peco/OutageMap.aspx](https://www.peco.com/_layouts/peco/OutageMap.aspx)  
<http://outages.firstenergycorp.com/pa.html>  
<https://omap.prod.pplweb.com/omap#pg-tabular>  
<https://www.dom.com/residential/dominion-virginia-power/outage-center/outages-by-region-and-maps>  
<http://www.svec.coop/>  
<https://www.appalachianpower.com/outages/outageMap.aspx>  
<http://outages.firstenergycorp.com/mdwv.html>  
<http://pix11.com/2016/06/08/thousands-without-power-as-storms-sweep-through-new-jersey/>

### **Update: Solar Partners VIII's 133 MW Ivanpah Solar Unit 3 in California Returns to Service by June 8**

The unit returned from an unplanned outage that began on May 18.

<http://content.caiso.com/unitstatus/data/unitstatus201606081515.html>

### **Update: RRI Energy's 215 MW Mandalay Gas-fired Unit 2 in California Returns to Service by June 8**

The unit returned from an unplanned outage that began on June 4.

<http://content.caiso.com/unitstatus/data/unitstatus201606081515.html>

## ***Petroleum***

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### **Update: Cenovus Workers Return, CNRL Reports Normal Operations at Pelican Lake Facilities in Alberta as Wildfire Threat Eases June 9**

An out-of-control wildfire in northern Alberta that prompted Cenovus and CNRL to curtail heavy oil production in the Pelican Lake area was on Thursday being held. Cenovus Energy said it safely shut down about 23,000 b/d of production and ordered the evacuation of 118 staff from its Pelican Lake facility on Tuesday after a fire was discovered less than one mile from its complex. Late Wednesday afternoon, the company said the fire had been downgraded by emergency officials and fireguards had been put in place to protect its facilities. Cenovus said 44 essential staff would be back onsite Wednesday evening and, if conditions do not change, production will potentially restart on Thursday. Canadian Natural Resources Ltd. on Thursday said its Pelican Lake facility returned to normal operations following the wildfire threat, including the restart of 800 b/d of temporarily shut-in production. The company said production during the first quarter of 2016 averaged 47,600 b/d.

<http://www.cenovus.com/news/news-releases/2016/20160607-PelicanLake-fire-response.html>

<http://www.brandonsun.com/national/breaking-news/pelican-lake-wildfire-threat-eases-allowing-cenovus-workers-to-return-382290221.html>

Reuters, 6:12 June 8, 2016

Reuters, 11:17 June 9, 2016

### **Update: Husky Delays Restart of Isocracker Unit at Its 155,000 b/d Lima, Ohio Refinery June 9 – Source**

Husky Energy has delayed the restart of a 26,000 b/d isocracker unit at its Lima, Ohio refinery due to a compressor issue, according to a source familiar with the plant's operations. The isocracker, which was destroyed in a January 2015 explosion, was expected to restart in May, following a refinery-wide turnaround that lasted roughly six weeks. The company has no immediate timetable for the restart as it awaits the shipment of a new compressor, the source said on Thursday. The refinery has been running at slightly reduced rates since the isocracker incident in January 2015.

Reuters, 11:22 June 9, 2016

### **Update: PES Restarts Reformer at Its 335,000 b/d Philadelphia, Pennsylvania Refinery June 8 – Source**

Philadelphia Energy Solutions (PES) restarted a 30,000 b/d reformer at its Philadelphia, Pennsylvania refinery on Wednesday after nearly three weeks of planned work, according to a source familiar with the plant's operations. The company delayed the scheduled restart of the reformer by a few days after a brief fire on May 20 caused damage to a furnace associated with the reformer, the source said.

Reuters, 3:30 June 8, 2016

### **Update: Motiva Restart FCCU, Production Rising at Its 603,000 b/d Port Arthur, Texas Refinery June 9 – Sources**

Motiva Enterprises was rapidly increasing production on the 81,000 b/d fluidic catalytic cracking unit (FCCU) at its Port Arthur, Texas refinery on Thursday, sources familiar with plant operations said. The FCCU restarted early on Thursday morning at the refinery after repairs to a leaking pipe on the unit were completed on Wednesday. The FCCU was shut on Saturday for the repairs, the sources said.

Reuters, 9:03 June 9, 2016

### **Marathon Permanently Shuts FCCU 1 at Its 451,000 b/d Galveston Bay, Texas Refinery June 7 – Sources**

Marathon Petroleum Corp completed the permanent shutdown on Tuesday of the 60,000 b/d fluidic catalytic cracking unit 1 (FCCU 1) at its Galveston Bay, Texas refinery, said sources familiar with plant operations. The FCCU was shut so the refinery could comply with an agreement reached with the U.S. Environmental Protection Agency to cut pollution from the plant. Marathon has previously said the closure of FCCU 1 was part of the plan to integrate the Galveston Bay refinery with its 84,000 b/d Texas City refinery by 2020.

Reuters, 6:51 June 8, 2016

### **Valero Reports Equipment Malfunction, Emissions at Its 205,000 b/d Corpus Christi East, Texas Refinery June 8**

Valero Energy Corp reported an equipment malfunction and emissions at its Corpus Christi East, Texas, refinery, according to a filing with the Texas Commission on Environmental Quality.

Reuters, 4:53 June 8, 2016

### **Citgo Reports Power Interruption Due to Transformer Failure at Its 163,000 b/d Corpus Christi East, Texas Refinery June 8**

Citgo Petroleum Corp reported on Wednesday that power was lost to multiple units following a transformer failure at its Corpus Christi East plant in Texas, according to a filing with the Texas Commission on Environment Quality. The incident led to emissions from a fluid catalytic cracking unit and the opacity was reduced to permitted amounts after power was restored, the filing said.

Reuters, 11:18 June 8, 2016

### **Update: ExxonMobil to Start Full Operations at Its 149,500 b/d Torrance, California Refinery by June 13 – Source**

ExxonMobil should have its Torrance, California refinery running at full capacity by June 13, which will put the refiner on track to hand the facility over to PBF Energy by its July 1 deadline, according to a source familiar with operations. A fluid catalytic cracking unit (FCCU) compressor at the facility is in the process of being re-installed and should be operational this weekend, the source said. A hydrocracker compressor has also been fixed and is operational, the source added. The refiner must run the facility at full capacity for 15 days before transferring ownership to PBF Energy. Last week, two sources close to the matter warned the handover to PBF may slip to August 1 due to ongoing maintenance.

Reuters, 11:29 June 9, 2016

### **North Dakota PSC Approve Plains All American's 10-Mile Crude Oil Pipeline June 8**

The North Dakota Public Service Commission (PSC) on Wednesday approved Plains All American Pipeline's 24,000 b/d, 10-mile crude oil pipeline project in Mountrail County. The pipeline will begin at the company's Robinson Lake facility and end at the Van Hook rail facility and should be completed this summer. The PSC chairwoman said the project experienced delays because of its proximity to a U.S. Air Force missile silo. The pipeline will be equipped with a leak detection system and be monitored at all times from a site in Houston.

Reuters, 5:01 June 8, 2016

### **Marathon Petroleum Reaches Agreement with DOJ, EPA on Refinery Pollution June 9**

The U.S. Environmental Protection Agency (EPA) and the Department of Justice (DOJ) on Thursday announced an agreement with Marathon Petroleum Company that will reduce air pollution from the company's petroleum refineries in Illinois, Kentucky, Louisiana, Michigan, and Ohio. Marathon will spend \$319 million to install state-of-the-art Flare Gas Recovery Systems (FGRSs), which will capture and recycle gases that would otherwise be sent to combustion devices known as flares. Marathon will also spend \$15.55 million on projects to reduce air pollution at three of the facilities and will pay a civil penalty of \$326,500 to the U.S.

<https://www.epa.gov/newsreleases/marathon-petroleum-company-reduce-air-pollution-refineries-five-states>

Reuters, 12:36 June 9, 2016

## **Natural Gas**

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Nothing to report.

## **Other News**

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Nothing to report.

## **International News**

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### **Update: Total Says Its Grandpuits, La Mede Refineries in France Running Normally June 9; LNG Terminal Workers to Strike June 9, 14 – Union**

Total said on Thursday that its Grandpuits and La Mede refineries in France were running normally after CGT oil sector workers joined a nationwide rolling strike against planned labor reform which led to a temporary halt in production at the Grandpuits refinery. The company added that some striking workers were continuing blocking the full restart of operations at its Donges, Feyzin, and Normandy refineries. Total had said on Monday that it was restarting its Grandpuits, Normandy, Donges, and Feyzin refineries after a majority of workers voted to resume work. On Thursday a union official said CGT workers at the CIM oil terminal in Le Havre in northern France and at the Fos-Lavera oil terminal in the south extended their strikes until June 10 and June 14 respectively. On Wednesday CGT union official said workers at Elengy's three liquefied natural gas (LNG) terminals in France voted to stage two 24-hour strikes on Thursday and next Tuesday. The strikes will halt unloading of LNG tankers and reduce production of gas for the grid to minimum levels, the official said. The CGT union said striking workers were also blockading several power production units including nuclear plants which cut 3,000 MW in French power capacity on Thursday morning.

Reuters, 6:20 June 9, 2016

Reuters, 2:53 June 9, 2016

Reuters, 4:00 June 9, 2016

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=52478](http://www.downstreamtoday.com/news/article.aspx?a_id=52478)

### **Update: Nigeria's Trans Niger Pipeline Shut Due to Leak June 8; Nembe Creek Trunk Line Reopens June 9 – Industry Sources**

Nigeria's Trans Niger Pipeline (TNP), one of two major pipelines that carries the Bonny Light crude grade for export, was shut down on Wednesday after a leak was found, industry sources said. One source referring to a memo sent out to participants in the TNP said that it was expected to be down for at least a week and would see around 130,000 b/d of production shut down. On Thursday, the Nembe Creek Trunk Line (NCTL) reopened after repairs were completed. The pipeline was closed in early May for repairs prompting Royal Dutch Shell to declare force majeure on exports of Bonny Light. As of Thursday, that declaration was still in place.

Reuters, 8:21 June 9, 2016

Reuters, 7:59 June 9, 2016

### **BP, Eni Announce New Gas Discovery off Egyptian Coast June 9**

BP and Eni on Thursday announced a significant natural gas discovery off the Egyptian coast in the Baltim southwest exploration prospect in the East Nile Delta. It is approximately 6 miles north of the Nooros gas field, which was discovered in July 2015 and has a production rate of 65,000 barrels of oil equivalent per day, the companies said. BP said that appraisal activities will be required to understand its full resource potential.

Reuters, 6:59 June 9, 2016

## Energy Prices

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U.S. Oil and Gas Prices			
June 9, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	50.47	49.09	60.10
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	2.33	2.26	2.65

Source: Reuters

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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